

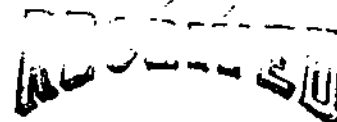
Site: West Lake D12
ID # MD09990932
Break: 17.8
Other: 5-2-80

DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality
P.O. Box 1399
Jefferson City, Missouri 65101

APPLICATION FOR OPERATING PERMIT

MAY 5 1980



Solid waste disposal area or
solid waste processing facility:
(check only one)

- ☒ Sanitary landfill
☐ Incinerator
☐ Compost plant
☐ Other (specify) _____

- ☐ Demolition landfill
☐ Transfer station
☐ Resource recovery plant

SOLID WASTE
MANAGEMENT PROGRAM

Name of Area or Facility West Lake Landfill, Inc.

Location: City Bridgeton

County St. Louis

U.S. Survey 131

1/4

1/4

1/4

Section _____

Township 47N

Range 5E

Brief description of area or facility for which application for permit is made: (such as size or capacity) This 6+ acre expansion
area is west of the asphalt plant and east of the old landfill area bordering Old
St. Charles Rock Road.

Check type of waste proposed to be accepted:

- ☒ Municipal solid waste
☐ Bulky waste
☐ Dead animals
☐ Incinerator residue

- ☒ Demolition and construction waste
☐ Brush and untreated wood waste
☐ Septic tank pumpings
☐ Wastewater treatment plant sludges

☐ Other sludges (specify) _____

☐ Liquids (specify) _____

☐ Industrial process waste (specify) _____

☐ Hazardous wastes (specify) _____

☐ Other waste (specify) _____

40241257



SUPERFUND RECORDS

Registered engineer or consulting engineering firm submitting plans:

Name Reitz & Jens, Inc.

Phone 727-0403

Address 111 S. Meramec

City St. Louis

State MO

Zip Code 63105

OPERATOR:
(Person principally
responsible for
the operation.)

Name William J. McCullough

Phone (314) 739-1122

Address 13570 St. Charles Rock Road

City Bridgeton

State Missouri

Zip Code 63044

OWNER:
(Legal owner of
land or facility if
different than
operator.)

Name _____

Phone _____

Address _____

City _____

State _____

Zip Code _____

If granted this permit, we the undersigned, agree to abide by the rules, regulations, orders and decisions of the Missouri Department of Natural Resources. We understand that in the event of any false or fraudulent information in the application, plans and data, or of failure to operate the area or facility in a proper and legal manner, the permit may be revoked after due notice from the Missouri Department of Natural Resources. We understand the permit is not transferable.

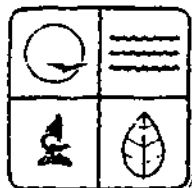
William J. McCullough
SIGNATURE OF OPERATOR
William J. McCullough
SIGNATURE OF OWNER

DNR 0207

DATE

May 2, 1980
DATE

SWMP



October 28, 1980

RECEIVED

NOV 3 1980

SOLID WASTE
MANAGEMENT PROGRAM

Honorable Edwin L. Dirck
Senator, 24th District
Capitol Building
Jefferson City, Missouri 65101

Dear Senator Dirck:

Thank you for your letter of October 21, 1980 expressing an interest in Westlake Landfill. We are giving Westlake Landfill a very high priority to assure that the health of the people of St. Louis County is adequately protected. During the week of October 20, 1980, our Division of Geology and Land Survey began investigating possible ways that pollutants could escape the landfill. This investigation included extensive laboratory analysis for chemical pollutants. On October 29, we will collect samples of groundwater around Westlake Landfill and analyze them for radioactive materials. Results of those analyses will dictate what further action will be taken.

Consultants for the Nuclear Regulatory Commission (NRC) will begin preliminary assessments of the site the week of November 3, 1980.

The Department of Natural Resources is doing everything it can to assure a safe environment for the people of St. Louis County. If I or my staff can be of any further service to you, don't hesitate to contact me.

Sincerely,

DEPARTMENT OF NATURAL RESOURCES

ORIGINAL SIGNED BY

FRED A. LAFSER
Fred A. Lafser
Director

FAL/BEM/ra

cc: Division of Environmental Quality
Water Pollution Control Program
Solid Waste Management Program ✓
St. Louis Regional Office

MISSOURI DEPARTMENT OF NATURAL RESOURCES

P.O. Box 176 Jefferson City, Missouri 65102 (314) 751-4422

Joseph P. Teasdale Governor
Fred A. Lafser Director

DNR 0208

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SEP 29 1980

FACT SHEET

Westlake Landfill, Bridgeton, Missouri SOLID WASTE
MANAGEMENT PROGRAM

First opened in the mid 1960's. This facility is partially located in the flood plain of the Missouri River. Although there has been no complaint of groundwater contamination, geological reports indicate the potential for groundwater problems.

During 1973 Cotter Corporation buried radiologically contaminated barium sulfate slag material from the uranium processing facilities at Latty Avenue.

There are about 9,000 tons of barium sulfate slag residues and radiologically contaminated building rubble. It contains about seven (7) tons of natural uranium.

Missouri Solid Waste regulations went into effect December 1973. Since that time operation of the landfill has been within these guidelines. Before 1973 the facility was unregulated.

The primary problem with this site is lack of information regarding what went into the landfill before state regulation. It appears at this time that no one actually knows what is in it.

Aside from normal landfill materials there are chemical industrial waste and some radiological contaminated materials in the landfill.

Among the chemical waste are:

waste ink	halogenated intermediates
pigments	aromatics
oily sludges	oils
esters	wastewater sludges
alcohols	heavy metals
insecticides	herbicides

There are about 4,000 tons of insecticide-herbicide residues, disposed of by Chevron Chemical Corporation prior to the effective date of the Missouri Solid Waste Regulations in 1973.

The Nuclear Regulatory Commission has contacted the Radiation Management Corporation, a private construction firm out of Philadelphia, to do extensive radiological surveys of this area. A survey will include surface monitoring, groundwater analysis for radio nuclides, test boring, core sampling and other tests as they deem necessary. These tests will probably begin sometime in the spring of 1981.

DNIR 0209



PICK 12 1A

UNITED STATES
NUCLEAR REGULATORY COMMISSION

OFFICE OF PUBLIC AFFAIRS, REGION III

799 Roosevelt Road, Glen Ellyn, Illinois 60137

RECEIVED

NEWS ANNOUNCEMENT: 80-86

SEP 29 1980

Contact: Jan Strasma
312/932-2674

SOLID WASTE
MANAGEMENT PROGRAM

NRC RADIATION SURVEY PLANNED FOR MISSOURI LANDFILL SITE

A radiation survey is planned by the Nuclear Regulatory Commission for a St. Louis area landfill where soil containing low levels of uranium was buried in 1973.

The survey, to be conducted under an NRC contract, will be completed by Spring 1981 at the West Lake Landfill site in Bridgeton, Missouri. (Uranium is a naturally occurring radioactive material. Trace amounts are found in soil throughout the world.)

A preliminary survey by the NRC in 1976 determined that there were no immediate health or environmental hazards associated with the burial. The new survey will provide needed information to determine if any long term actions are needed at the site.

The survey will be conducted by Radiation Management Corporation of Chicago. Survey personnel will make a preliminary visit to the site later this month. The survey plan will then be submitted in about a month to the NRC for review with the final survey to be completed by Spring 1981.

Uranium ore residues, mixed with soil, were placed in the landfill in 1973 during cleanup activities at a uranium ore storage and processing site in Hazelwood, Missouri. Uranium ore residues, formerly owned by the federal government, had been processed there by Cotter Corporation for shipment to the company's uranium mill in Colorado for recovery of the remaining uranium.

After most of the ore residues were shipped to Colorado, Cotter Corporation removed the top soil from the site along with the remaining uranium ore residues. The mixture was taken to the West Lake Landfill where it was covered with several feet of soil.

Subsequently, further cleanup activities at the Hazelwood site removed uranium contaminated soils from the buildings and a portion of the grounds. The material remains at the site pending a decision on an appropriate disposal location.

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September 22, 1980

DNR 0210